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Subject: Revised independent claim RE 09/929,615 METCALF

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Please find attached a revised independent claim for application 09/929,615

The present invention--as distinguished from the relied upon prior art--is a wearable, self-contained video and / or graphic image content displaying '**system**.' The wearable display system is portable and includes components, and electronic connections, or electronic communication, between the components, that are essential for the control, storing and playing back of video and / or graphic image content. The video or graphic content of the portable system is formatted for display onto particular, and often different, sizes and shapes of apparel segments from which articles of clothing are typically comprised. The system includes a portable user interface and content control and playback means whereby a user can choose among a selection, or otherwise control the playback of, display content which is formatted to the size and shape of apparel segments, preferably including content that is formatted to appear in a contiguous manner over a plurality of apparel segments and correctly aligned across the seams adjoining such segments.

The relied upon and referenced prior art are one or another type of display screen (which are not specified as, a subset of a self-contained wearable display system). None of the prior art represents a portable and self-contained video and / or graphic image content displaying system which also comprises wearable apparel made of flexible pixelated material. More specifically, none of the prior art provides a portable playback device with a user-controllable interface for a user to control, or choose from a selection of, content which has been formatted for display on apparel comprised of flexible pixelated material. None of the prior art provide wearable image content playback means for displaying formatted video and / or graphic image content peculiar to the sizes and shapes of typical apparel segments or to the sizes and shapes of a plurality of such segments.

It is well known that articles of apparel are typically comprised of irregularly shaped apparel segments, most often including segment shapes adjoined to one another that, in size and shape, are all different. Therefore it would be reasonable to assume that many types of apparel--if comprised of a flexible pixelated material--would also be comprised of irregularly shaped apparel segments. Thus, in order to have video and / or graphic image display content which appears contiguously over a plurality of irregularly shaped apparel segments, it is necessary to format the display content according to each and all apparel segment shapes making up an article of clothing. The present invention discloses how--when typical apparel segment shapes are seamed to one another—the size and shape of display content can also be formatted to the irregular shapes of each, and all, of the apparel's segments, such that the displaying of video and / or graphic image content appears contiguously over each segment and over a plurality of segments, and is also correctly aligned across the seams between apparel segments.

Thus, it is apparent that the wearable pixelated apparel with user-controllable content playback means of the present invention is a self-contained, distinctive system. The 'system' requires a plurality of wearable, portable components that are electronically connected, or have wireless communication, with one other, including:

(a) a wearable article of clothing comprised of one or more apparel segments made of a flexible pixelated material;

(b) a wearable user interface for providing user control of display content playback;

(b) a wearable display content playback or content reception device; and

(c) video and / or graphic image display content, playable from the wearable playback or content reception device, wherein the content intended for a currently worn article of clothing, is sized and shaped according to one or more apparel segments making up that apparel.

Respectfully, Darrell Metcalf (805) 524-1747

RE: The patent application of Metcalf
US Pat. Application Serial No. 09/929,615
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CLAIMS

Claim 1. (currently amended) A ~~Wearable~~ wearable pixelated apparel display system ~~comprised of~~ comprising:

1. at least one highly flexible and lightweight pixelated material having a contiguous imaging surface comprised of a multitude of pixels, wherein
    a. at least one of said pixelated material is shaped to conform to a three-dimensional portion of a human body;
    b. said at least one pixelated material is equipped with a communications link to communicate with at least one image-playback / image-control portable apparatus;
2. said image-playback / image-control portable apparatus is equipped to playback~~, control and shape~~ display imagery content which is shaped in conformance with the size and the shape of said at least one pixelated material;
    c. said portable apparatus comprising:
        i. at least one control circuit,
        ii. at least one intelligent controller,
        iii. at least one electronic power source,
        iv. at least one input/output interface means for ~~to receive~~ receiving and sending ~~digital media content~~ said display imagery content,
        v. at least one ~~digital media content~~ display imagery content playback means,
        vi. a user interface means for a user to communicate with said portable apparatus and to control the playback of at least one source of ~~digital media content~~ display imagery content; and
        vii. intelligent controller software responsive to user input from said user interface means.

~~- at least one control circuit,~~

~~- at least one intelligent controller,~~

~~- at least one electronic power source,~~

~~- at least one input/output interface means to receive and send digital media content,~~

~~- at least one digital media content playback means,~~

~~- a user interface means for a user to communicate with said apparatus and to control the playback of at least one source of digital media content, and~~

~~- intelligent controller software responsive to user input from said user interface means.~~